Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 20 Dec 2020 until 23:59 on Monday 21 Dec 2020

Forecast Issued on Sunday 20 Dec 2020 at 03:46

Confidence: High confidence for the showery outlook to continue into Monday before conditions settle into Christmas week. Lower confidence for the amount of showers expected.

Headline for Sunday 20 Dec 2020: A few blustery showers, drier later.

Mountain weather hazards on Sunday 20 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Heavy rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
30%	40%	40%	30%	10%	10%

Forecast for Sunday 20 Dec 2020

Weather: Bright and breezy with a few showers around, perhaps heavy at first but easing with time and dying away later in the afternoon. Some sunny or bright spells expected during the day and most likely a clear, dry evening.

Chance of cloud free mountain/hill tops above 600m: 80% chance of cloud free tops, low cloud will be a problem in the early morning especially in the west and cloud will fall below the tops in showers for some of the time, falling to around 500m in any heavier showers.

Visibility: Good or very good outwith showers but becoming moderate in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 20 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/36 SW	22/29 SW	24/32 SW	24/32 SW	24/34 SW	25/35 SW	23/34 SW
300	20/29 SW	16/25 SW	17/26 SW	17/26 SW	17/27 SW	17/28 SW	14/25 S
Valley	12/27 SW	10/23 SW	12/24 SW	11/24 SW	11/25 SW	11/26 SW	10/24 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	2/-4	3/-3	2/-4	2/-5	2/-5	2/-4
300	5/-0	5/0	5/1	5/0	4/-1	4/-2	4/-1
Valley	6/2	5/2	6/2	5/2	4/1	4/-0	4/0
Freezing Level*	1100m	1000m	1000m	900m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level lowering during the day so starting to feel quite cold on the hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 20 Dec 2020	4mm	10.8mm	14.8mm

Forecast for Monday 21 Dec 2020

Weather: Some frontal rain is expected to spread across the Peak District from the south, it will mainly be light and drizzly at first but a few heavier spells are likely. Turning clearer later in the day.

Maximum wind: Southerly 15mph gusts 25mph veering westerly and then Northwesterly later

Chance of cloud free mountain/hill tops above 600m: 20%, a lot of low cloud will spread across the area with the rain, cloud bases are likely to be down to 300m at times. Low cloud will lift and clear in the evening time.

Visibility: Visibility will be moderate at best and often poor in light rain and drizzle

Temperature: **Valleys:** Plus 4 rising to plus 8 Celsius.
At 600m: Plus 1 Celsius rising to plus 5 Celsius then falling to zero later.
Freezing level: 900m rising well above the summits then falling to 700m later

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